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PATENT

CLAIMS

Please amend the claims as follows:

- 1. (Cancelled)
- 2. (Previously Presented) The method as in claim 7, wherein the modulation path is selected from an In-phase (I) branch and a Quadrature (Q) branch.
- 3. (Original) The method as in claim 2, wherein the first channel is a dedicated physical channel on an uplink in the wireless communication system.
- 4. (Previously Presented) The method as in claim 3, wherein the wireless communication system includes a plurality of dedicated data channels and at least one dedicated control channel.
 - (Cancelled)
 - (Cancelled)
 - 7. (Previously Presented) In a wireless communication system, a method comprising:

 determining a transmission configuration for a first channel as a function of Peakto-Average Ratio (PAR) on the first channel, the transmission configuration including a
 spreading code and a modulation path;

if the spreading code is used by another channel in the wireless communication system, determining the next best optimum transmission configuration, based on a resultant PAR value; and

applying the next best optimum transmission configuration to the first channel.

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8. (Previously Presented) A wireless communication apparatus, comprising:

means for determining a transmission configuration for a first channel as a function of Peak-to-Average Ratio (PAR) on the first channel, the transmission configuration including a spreading code and a modulation path;

means for determining the next best optimum transmission configuration, based on a resultant PAR value, if the spreading code is used by another channel in the wireless communication system; and

means for applying the next best transmission configuration to the first channel.

9. (Previously Presented) A wireless apparatus, comprising:

- a first transmission pair selection unit for determining a transmission configuration for a first channel as a function of Peak-to-Average Ratio (PAR) on the first channel, the transmission configuration including a spreading code and a modulation path;
- a determination unit for determining whether the spreading code is in use on another channel; and
- a second transmission pair selection unit for determining the next best optimum transmission configuration, based on a resultant PAR value, if the spreading code is used by another channel in the wireless communication system.

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